



Attorney's Docket No.: 10555-034001 / 2002-004

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774

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Marco Falcioni, et al.

Serial No. : 10/061,960

Filed : February 1, 2002

Title : GRAPHICAL DESIGN OF CHEMICAL DISCOVERY PROCESSES

Art Unit : 1741

Examiner : Unknown

Commissioner for Patents

Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed.

This statement is being filed before the receipt of a first Office action on the merits.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

6/27/02


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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10555-034001	Application No. 10/061,960
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Marco Falcioni, et al.	
		Filing Date February 1, 2002	Group Art Unit 1741

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,614,608	3/25/97	Krchnak et al.	530	334	
	AB	5,759,779	6/2/98	Dehlinger	435	436	RECEIVED
	AC	5,763,263	6/9/98	Dehlinger	435	287	JUL 09 2002
	AD	5,856,101	1/5/99	Hubbell et al.	435	6	
	AE	5,974,164	10/26/99	Chee	382	129	TC 1700
	AF	6,044,212	Mar. 28, 2000	Flavin et al.			
	AG	6,175,816	Jan. 16, 2001	Flavin et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AH	EP 0 796 654 A2	9/24/1997	EPO				
	AI	WO 98/15825	4/16/98	PCT				
	AJ	WO 99/59722	11/25/99	PCT	B01L 3/00			

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AK	Advanced Chem. Tech. "Model 496 MOS Multiple Organic Synthesizer", product information, 6 pgs.
	AL	Advanced Chem. Tech. "Model 348 MPS Multiple Peptide Synthesizer", product information, 4 pgs, 1997.
	AM	Advanced Chem. Tech. "The ACT Model 90 Tabletop Peptide synthesizer", product information, 1 pg.
	AN	Afferent Systems, Inc. "Afferent Products" www.afferent.com/products/html , product information, 2 pgs.
	AO	Afferent Systems, Inc. "Afferent Defines Libraries In Terms of Precursors and Reactions", product information, 3 pgs. www.afferent.com/libraries.html
	AP	Afferent Systems, Inc. "Afferent Uses Virtual Chemistry to Generate Combinatorial Products", 6 pgs., www.afferent.com/generation.html
	AQ	Afferent Systems, Inc. "The Generic Structure Approach", 3 pgs. www.afferent.com/genric-structure.html
	AR	Afferent Systems, Inc. "Talk Chemistry, Not Robot Language, To Your Synthesis System", 8 pgs. www.afferent.com/control.html

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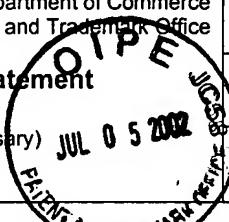
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(37 CFR §1.98(b))			

Other Documents (include Author, Title, Date, and Place of Publication)			
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	AS	Afferent Systems, Inc., "Afferent Analytical™", pages 1 of 1, http://www.afferent.com/analytical.html , Copyright© 1996-1999, Last updated 1/28/1999	
	AT	Afferent Systems, Inc., "What's new?, IRORI and Afferent enter into Combinatorial Chemistry Collaboration Agreement," pages 1 of 2, http://www.afferent.com/news.html , Copyright© 1996-1999, Last updated 7/3/1999	
	AU	Asymtek "M-MCM"	
	AV	Asymtek "M-ENCAP", product information, 1 pg.	
	AW	Asymtek "M-FCOB", product information, 2 pgs.	
	AX	Automated Organic Synthesis - No Compromises, 2 pgs.	
	AY	Biomek 2000 Laboratory Automation Workstation, product information, 2 pgs.	
	AZ	Bohdan Automation "Solid Phase Extraction Workstation by vacuum"	
	AAA	Carl Creative Systems "Plate Trak Automated Liquid Handling System", product information, 1 pg.	
	ABB	Cargill et al., "Automated Combinatorial Chemistry on Solid Phase", L.R.A., 1996, vol. 8, 139-148.	
	ACC	Cawse, "Experimental Strategies for Combinatorial and High-Throughput Materials Development", Accounts of Chemical Research, 2001, vol. 34, no. 3, pp. 213-221	
	ADD	Chemical Computing Group Inc. "MOE: The Molecular Operating Environment", product information, 4 pgs., www.chemcomp.com/fdept/prodinfo.htm	
	AEE	Corkan et al., "Application of an Automated Chemistry Workstation to Problems in Synthetic Chemistry", Chemometrics and Intelligent Laboratory Systems: Lab. Info. Mgmt., 1992, vol. 17, pp. 95-105.	
	AFF	Corkan et al., "Design Concepts for Synthetic Chemistry Workstations", Advances in Laboratory Automation Robotics, 1990, vol. 6, pp. 447-497.	
	AGG	Corkan et al., "Experiment Manager Software for an Automated Chemistry Workstation, Including a Scheduler for Parallel Experimentation", Chemometrics and Intelligent Laboratory Systems: Lab. Info. Mgmt., 1992, vol. 17, pp. 47-47.	
	AHH	Deem, "A Statistical Mechanical Approach to Combinatorial Chemistry", Advances in Chemical Engineering 28, Academic Press, 2001, pp. 81-121	
	AII	Digitale Mehrkanal-Pipette CALIBRA 852 and DIGISCAN, product information, 1 pg.	
	AJJ	EG&G Wallac MicroBeta "TriLux Scintillation and Luminescence Counter"	
	AKK	Falcioni, et al., "Library Design in Combinatorial Chemistry by Monte Carlo Methods", Phys. Rev. E 61, 2000, pp. 5948-5952	
	ALL	Foder, et al., "Light-directed, spatially addressable parallel chemical synthesis", Science, (1991) Vol. 251, pp. 767-773	
	AMM	Gilson "Better Solutions from Gilson mean...", product information, 1 pg.	
	ANN	Houghten, "Parallel array and mixture-based synthetic combinatorial chemistry: tools for the next millennium", Annu. Rev. Pharmacol. Toxicol. (2000) Vol. 40, pp. 273-82	

Examiner Signature	Date Considered
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(37 CFR §1.98(b))		Filing Date February 1, 2002	Group Art Unit 1741


Other Documents (include Author, Title, Date, and Place of Publication)

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	/AOO	Hydra "Pooling Samples, Integrating the Hydra, Dispensing Precision",
	APP	HyPrep "ThePrep Plus System", product information, 1 pg.
	AQQ	Koinuma, et al., "Parallel fabrication of artificially designed superlattices by combinatorial laser MBE", Appl. Phys. A 69 Supp., (1999) S29-S31
	ARR	Labute, Chemical Computing Group Inc. "MOE: Deployment Strategies", product information, 6 pgs., www.chemcomp.com/feature/deploy.htm
	ASS	Lindsey, "Automated Workstations for Chemical Synthesis in Japan: A New Paradigm for Pharmaceutical Research", Am. Lab., 1993, pp. 17, 18. 20.
	ATT	Lindsey, "A Retrospective on the Automation of Laboratory Synthetic Chemistry", Chemometrics and Intelligent Laboratory Systems: Lab. Inf. Mgmt., 1992, vol. 17, pp. 15-45.
	AUU	Lindsey, et al., "Toward High-Performance Parallel Experimentation Machines: Use of a Scheduler as a Quantitative Computer-Aided Design Tool for Evaluating Workstation Performance", Chemometrics and Intelligent Laboratory Systems: Lab. Info. Mgmt., 1993, vol. 21, pp. 139-150.
	AVV	Packard "Packard... The complete solution", product information, 1 pg.
	AWW	Packard "MultiPROBE Robotic Liquid Handling Systems" product information, 2 pgs.
	AXX	Titertek "Quadflex", product information, 2 pgs.
	AYY	Thayer, A. M., "Bioinformatics for the Masses", Business, 2000, vol. 78, no. 6, CENEAR 78, pp. 19-32
	AZZ	The Technology Partnership, "Myriad Personal Synthesis; A New Approach to Synthesis", product information, 7 pgs.
	AAAA	Yan, et al. "Determination of the absolute amount of resin-bound hydroxyl or carboxyl groups for the optimization of solid-phase combinatorial and parallel organic synthesis", Anal. Chem. (1999) vol. 71, pp. 4564-4571
	ABBB	Zinsser Analytic "LISSY Pipetting with Windows", product information, 1 pg.

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